

STATE OF CALIFORNIA

SOLID WASTE FACILITIES PERMIT

1. County/Permit Number:

36-AA-0087

2. Name and Street Address of Facility:

**SAN TIMOTEO LANDFILL
31 REFUSE ROAD
REDLANDS, CALIFORNIA**

3. Name and Mailing Address of Operator:

**COUNTY OF SAN BERNARDINO
SOLID WASTE MANAGEMENT DEPT.
222 E. HOSPITALITY LN, 2ND FLOOR
SAN BERNARDINO, CA 92415-0017**

4. Name and Mailing Address of Owner:

**COUNTY OF SAN BERNARDINO
SOLID WASTE MANAGEMENT DEPT.
222 E. HOSPITALITY LN, 2ND FLOOR
SAN BERNARDINO, CA 92415-0017**

5. Specifications:

a. Permitted Operations:

☐ Composting Facility (mixed wastes)☐ Processing Facility☐ Composting Facility (yard waste)☐ Transfer Station☒ **Landfill Disposal Site**☐ Transformation Facility☐ Material Recovery Facility☐ Other: _____

b. Permitted Hours/Days of Operation:

OPEN TO THE PUBLIC:**8:00 AM TO 5:00 PM Monday through Saturday - 306 days/year****Site closed: Sundays: Year's Day, Memorial Day, Fourth of July,
Labor Day, Thanksgiving Day and Christmas Day**

c. Permitted Tons per Operating Day:

MAXIMUM DAILY LOADING 1,000 Tons/Day

Non-Hazardous - General

ANY WITHIN MAXIMUM DAILY LOADING TOTAL 1,000 Tons/Day

Non-Hazardous - Liquid Septic/Other

(NONE) Tons/Day

Designated/ Hazardous

(NONE) Tons/Day

d. Permitted Traffic Volume:

UP TO MAXIMUM TOTAL 1052 Trips/Day

Incoming vehicles with waste, cover and/or salvageable materials

ANY WITHIN MAXIMUM TOTAL 1052 Trips/Day

Outgoing vehicles with salvaged materials

WITHIN MAXIMUM TOTAL UP TO 50 Trips/Day

e. Key Design Parameters

Permitted Area (in acres)

366 Acres

Design Capacity

114 Acres***NONE****NONE****NONE****NONE**

Max. Elevation (Ft. MSL)

14.8 MCY**NONE****NONE****NONE****NONE**

Estimated Closure Date

1950 MSL**NONE****NONE****NONE****NONE****May 2016***** See Condition number 36.**

This permit is granted solely to the operator named above, and is not transferable. Upon a change of operator, the permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued Solid Waste Facilities Permits.

6. Approval:

Pamella V. Bennett
Approving Officer Signature

PAMELLA V. BENNETT, DIRECTOR

7. Enforcement Agency Name and Address:

**DEPARTMENT OF ENVIRONMENTAL
HEALTH SERVICES - LEA
SAN BERNARDINO COUNTY
385 NORTH ARROWHEAD AVE.
SAN BERNARDINO, CA 92415-0160**

8. Received by CIWMB:

August 14, 1995

9. CIWMB Concurrence Date:

September 28, 1995

10. Permit Review Due Date:

October 16, 2000

11. Permit Issued Date:

October 16, 1995

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12. Legal Description of Facility:

A PORTION OF SECTION 8, TOWNSHIP 2 SOUTH, RANGE 3 WEST, SAN BERNARDINO BASELINE & MERIDIAN

13. Findings:

- a. Changes in the Site Identification & Description were not identified in the 1986 (latest) San Bernardino County (SBCo) Solid Waste Management Plan. A SBCo Countywide Integrated Waste Management Plan has not been approved. The LEA certifies [pursuant to Public Resources Code (PRC) §50000] that the SBCo Board of supervisors, and a majority of the Councils of Cities/Towns with a majority of the population within the incorporated areas of the County have approved the Site Identification & Description
- b. This permit is consistent with standards adopted by the CIWMB pursuant to PRC §44010, and all applicable Resource Conservation and Recovery Act (RCRA) Subtitle D requirements.
- c. The design and operation of the facility (with proposed changes) is in compliance with State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA.
- d. This facility is in conformance with applicable fire standards pursuant to PRC §44151 - re: PRC §4371 et seq.
- e. A Notice of Determination on proposed changes at the facility was filed June 5, 1992, with the State Office of Planning and Research (OPR) pursuant to PRC §21081.6.
- f. The City of Redlands Planning Department and the San Bernardino County Planning Department, has [pursuant to PRC §50000.5(a)], determined that proposed changes are consistent with and designated in their applicable general plans.
- g. The City of Redlands Planning Department and the San Bernardino County Planning Department, has [pursuant to PRC §50000.5(b)], found that the surrounding land use is compatible with proposed changes at the facility.

14. Prohibitions:

The permittee is prohibited from accepting any non-hazardous waste requiring special handling, designated waste, hazardous waste, or polychlorinated biphenyl (PCB) waste, except for the temporary storage of hazardous/PCB waste inadvertently delivered and detected in the hazardous/PCB waste screening/exclusion program, in accordance with all applicable permits, regulations, and statutes for such temporary storage. The permittee is additionally prohibited from accepting for disposal: asbestos (whether friable or nonfriable), any sewage sludge, whole tires (except in accordance with 14 CCR §17355), metallic discards (except in accordance with PRC §42160 et seq.), and from allowing any open burning or scavenging.

15. The following documents also describe and/or restrict the operation of this facility:

[X] Report of Facility Information	01/95	[X] PRC §50000 Certification by LEA	04/93
Amendment(s)	04/95	[X] SCAQMD Rule 1150.1 Monitoring Reports	various
[X] Periodic Site Review	03/92	[X] Chapter 15 and Article 5 Monitoring Reports	various
[X] Waste Discharge Requirements # 78-151	07/78	(CRWQCB/SAR)	
Amendment	02/81	[X] Planning Department Consistency Finding	07/93
Amendment (93-57)	09/93	(County General Plan) Compatibility Finding	
Amendment (94-17)	03/94	[X] City of Redlands Consistency Finding	02/17/92
amended	04/94	[X] NPDES (Stormwater) Permit # 8-36S005238	05/2/94
Amendment (94-34)	04/94	Notice of Intent # 91-13-DWQ	
[X] Contract Agreements for operations	04/92	[X] Financial Assurance Mechanism for Closure,	07/93
as amended		Post-Closure & Corrective Action	
[X] Notice of Determination - (OPR filing)	06/05/92	[X] Enterprise Fund Letter (Pledge of Revenue)	09/28/94
SCH#91072020		[X] Preliminary Closure/Postclosure Plan	12/94
[X] Mitigation Monitoring/Reporting Program	undated	amended	
[X] Subtitle D "Footprint" Documentation	10/09/93	[X] Certificate of Self-Insurance	12/17/92
[X] DEHS Hazardous Waste Permits,	various	[X] County Indemnification Contract	08/15/94
Handling & Generator Permits		(DEHS/SWMD)	
[X] CAL-DTSC (Generator) ID # CAD982485716	01/26/90		

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16. Self Monitoring: In addition to self-monitoring programs and the California Environmental Quality Act (CEQA) mitigation monitoring and reporting program described in other documents controlling this facility, the following programs shall be reported to the LEA and others as follows:

Program	Reporting Frequency	Agency Reported To
Summary of daily records (in tons/day) per: solid waste received, salvaged/recovered materials leaving site (per type) and daily visual estimate of recovered materials stored on-site (in weight, volume or count per type).	Quarterly *	LEA *
Summary of daily motor vehicle counts (vehicles/day) per vehicle type: entering with solid waste, entering with cover material, and leaving with recovered materials.	Quarterly *	LEA *
Summary of public complaints received, regulatory notices received, and the operator's responses/corrective actions taken.	Quarterly *	LEA *
Summary of entries in Log of Special and/or Unusual Occurrences and operator's responses / corrective actions taken.	Quarterly *	LEA *
Summary of record-keeping specified in the Hazardous/ PCB/Prohibited Waste Screening/ Exclusion Program including: the quantities and types of materials discovered, responses/corrective actions taken, interim/ final disposition of the materials and public education activities.	(per DEHS-Haz-Mat *)	LEA, DEHS-Haz-Mat *
Vector inspection/control program (as may be specified in the RDSI).	(per SBCVCD *)	LEA, San Bernardino County Vector Control District (SBCVCD) *
Water quality control of contaminants - monitoring, reporting and remediation to include: Waste Discharge Requirements (WDR), Clean-up & Abatement Orders, Workplans, and Remediation Schedules; and NPDES Permits.	(per CRWQCB/SAR *)	LEA, California Regional Water Quality Control Board, Santa Ana Region (CRWQCB/SAR) *
Air Management of LFG emissions and migration; and related Quality programs including: landfill gas (LFG) monitoring/control/ reporting and remediation/ Abatement Orders/Workplans (1150.1 and Title 14); and fugitive dust (PM ₁₀), and SCAQMD equipment permits.	(per SCAQMD *) (per Title 14*)	LEA, South Coast Air Quality Management District (SCAQMD) *
(* = Reporting due by the 15th of the month following the end of the reporting period, or when due as specified by the controlling regulatory authority.)		(* = Plus reporting to all other local, state and federal regulatory authority with jurisdiction at the facility.)

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17. LEA Conditions: [NOTE: LEA conditions listed here shall be in addition to conditions of other documents controlling operation of this facility.]

1. The operator shall comply with all State Minimum Standards for Solid Waste Handling and Disposal as specified in Title 14 California Code of Regulations (CCR). The operator shall not operate this facility without possession of all required permits/regulatory approvals. The operator shall inspect the site at least once each day of operation to ensure compliance with all applicable standards/ conditions/ mitigations/ permits/ regulations.
2. The operator shall comply with all federal, state, and local requirements and enactments including all mitigation and monitoring measures developed in accordance with any certified environmental document filed pursuant to Public Resources Code Section (PRC) §21081.6, and all administrative/ enforcement orders of all regulatory agencies with jurisdiction at this facility.
3. The operator shall maintain a complete copy of this Solid Waste Facilities Permit (SWFP), of all other required regulatory permits and of all regulatory inspection reports, at the facility or other approved location readily accessible to facility personnel, LEA staff and other regulatory personnel.
4. Additional information concerning the design/ operation of this facility shall be furnished upon request to the LEA and other regulatory personnel.
5. The operator shall notify the LEA in writing [with proposed amendments to the Report of Facility Information (RFI)], at least one hundred fifty (150) days in advance of proposed significant changes (as determined by the LEA), in the design/ operation of the facility to allow for early consultation, completion of all required documents/ due process review/ filing and the completion of all related permitting processes. Such notification shall include changes (including new additions) of: processing/ composting/ baling/ materials recovery facility (MRF)/ transfer station and/or transformation facility, changes in permitted hours/ days of operation, permitted tons/day per category, permitted traffic volumes/day per category, permitted total area, disposal footprint, maximum elevation, maximum depth of waste, and/or estimated closure year, which may be later proposed for this facility.
6. The operator shall maintain adequate records regarding length and depth of cuts made in natural terrain where fill is placed, together with the depth to the groundwater table.
7. This facility is authorized to conduct limited salvaging and to store recovered materials (if such salvaging/ storage is properly described in the RDSI or amendments thereto) for brief periods of time [not to exceed thirty (30) days for any category of material] and only in closable durable containers or other method as specified by the LEA. Such limited salvaging/ storage shall only be conducted as pre-approved by the LEA to preclude the creation of health hazards or public nuisances. The facility shall not be used as a composting facility, materials recovery facility (MRF), processing facility, transfer station and/or transformation facility. No recycling is allowed at night without prior LEA written approval. No crushing, baling, grinding, mechanical sorting, composting, or other processing shall occur at the facility location except as the LEA may give prior written approval for brief [less than thirty (30) day] experimental/ pilot project type programs.
8. The LEA reserves the right to suspend and/or modify operations at this facility when deemed necessary due to any emergency, potential health hazard, and/or public nuisance.
9. This SWFP is subject to review by the LEA and may be suspended, revoked or modified at any time for sufficient cause.
10. As outlined in Section 16, the operator shall maintain at the facility or other approved location, accurate daily records of the tonnage/day and number of vehicles/day per: incoming solid waste, outgoing recovered material (per category); and an estimate (by weight, volume or count) of the total amount of recovered material (per category) stored on-site for brief periods of time not to exceed (30) days (condition # 7). Such records shall be readily accessible at the facility to the LEA/ other regulatory personnel. A written summary of such tons/day per category, vehicles/day per category, and estimates of recovered material /day per category, shall be furnished quarterly to the LEA within fifteen (15) days of the end of each quarter.
11. As outlined in Section 16, the operator shall furnish to the LEA a written summary of all written complaints and all regulatory notices such as: Notices of Violation, Notice and Orders, Clean-up & Abatement Orders concerning the facility received by the operator during a quarter, and the operator's responses/ corrective actions taken, within fifteen (15) days of the end of each quarter.
12. As outlined in Section 16, the operator shall maintain at the facility or other approved location, a log of special/unusual occurrences (S/U O). The log shall include, but not be limited to: fires, explosions, discharges of unusual waste, significant incidents of personal injury, accidents and/or property damage. Each log entry shall be accompanied by a summary of the responses/ corrective actions taken by the operator to mitigate any negative impacts of each occurrence. Days without incidents of S/U O shall be noted with an appropriate negative entry for such days such as: "No S/U O today". The operator shall maintain this log at the facility or other approved location in a manner readily accessible to facility personnel and to the LEA/ other regulatory personnel. A written summary of the log entries during a quarter shall be furnished to the LEA within fifteen (15) days of the end of each quarter.

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17. LEA Conditions (continued)

25. The operator shall properly equip and maintain noise attenuation and spark arrestor devices (such as mufflers) on all combustion engines utilized at this facility. All equipment components shall be maintained in good mechanical condition and properly operated to prevent excessive noise levels and circumstances capable of starting accidental fires.
26. Adequate noise attenuation buffers shall be installed to reduce noise levels as a result of operation and if any noise levels are deemed to exceed the prescribed threshold limits for sensitive noise receptors, or exceed the City of Redlands' Noise Element Guidelines.
27. The operator shall maintain a comprehensive site surface drainage and erosion control plan for the facility, which prevents significant erosion and siltation impacts both on-site and downstream of the site. The design shall promote positive sheet-flow run-off from all deck areas and side-slopes to the run-off collection system with no significant erosion. The operator shall provide an adequate sedimentation basin(s) to prevent downstream siltation/ deposition, and to ensure that no negative off-site impacts occur. The operator shall prepare and implement an emergency remedial measures plan for sudden/ great storm events. A copy of the plan shall be furnished to the LEA within nine (9) months of SWFP issuance.
28. A qualified landscape architect or botanist shall prepare and implement a revegetation/ landscape plan for the site within one (1) year of SWFP reissuance. The plan shall provide for an effective vegetative cover with native drought-tolerant vegetation on disturbed surfaces in those portions of the site where disposal activities have ceased. An effective vegetation cover shall be defined as fifty (50) percent coverage of the revegetated areas without permanent irrigation after a five (5) year period.
29. The operator shall provide final cover over all areas in accordance with the final grading plan and commence revegetation in accordance with the approved revegetation plan. Final cover shall be provided where and when final elevation has been attained or a discrete segregated area of the site can no longer receive waste.
30. The operator shall obtain/ maintain all necessary easement agreements with plot plans showing the location of all utilities crossing the site. Copies of such agreements/ plot plans shall be provided to the LEA in a timely manner.
31. Site entry signs shall prominently display all required regulatory information.
32. The operator shall provide temporary or permanent exterior night lighting for any and all operations that occur after dusk. All light from permanent and temporary night lighting shall be focused to ensure that the area of illumination is confined within the landfill boundaries.
33. No permanent or temporary structures, including scale pits, shall be constructed or placed on or adjacent to the fill area without LEA approval.
34. The permitted total design capacity of this facility is limited to 14.8 million cubic yards [Specified on Page 1, Section 5(e) of this permit under disposal]. Any proposed expansion prior to CEQA being satisfied and this Solid Waste Facilities Permit being revised is prohibited.
35. This permit authorizes and conditions the disposal of waste below the 1950 MSL foot elevation. [Specified on Page 1, Section 5(e) of this permit under disposal]. Any expansion beyond the stated elevation is not in conformance with the terms and conditions of this permit and is prohibited. Any proposed expansion above the 1950 MSL elevation prior to CEQA being satisfied and this Solid Waste Facilities Permit being revised is prohibited.
36. The operator is prohibited from expanding the solid waste disposal area beyond the 10/9/93, 50 acres footprint [Specified in the RDSI, Drawing 1] without an approved liner system. The proposed liner system shall be submitted to the CRWQCB-SAR for approval and to the LEA. The RDSI shall be amended to incorporate the approved liner system detail prior to waste disposal. If an approval for the liner system is not obtained two (2) years prior to the estimated closure date, February 1999, [Specified in the RDSI in Table I, under phase I] final closure plans must be submitted.
37. The operator shall not accept more than a total of 1000 tons of refuse/waste into this facility on a daily basis as measured on the facility scales, which includes all materials destined for disposal or for separation.

[END DOCUMENT]

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17. LEA Conditions (continued):

13. The operator shall maintain an LEA approved hazardous/ PCB/ prohibited waste screening/ exclusion (loadchecking) program at the facility which will adequately protect public health and the environment from illegal on-site disposal of hazardous/ PCB/ prohibited wastes. It shall include not less than forty (40) hours per week of on-site loadchecking by personnel trained in such activities. Signs, brochures, and/or other appropriate communication measures shall be utilized by the operator to direct site users to the nearest Household Hazardous Waste (HHW) collection facility, and inform site users of pending HHW Round-up activities scheduled for communities within the site's waste-shed. A written summary of all program activities/ results during a quarter shall be furnished to the LEA within fifteen (15) days of the end of each quarter.
14. The operator shall comply with the requirements of all applicable laws pertaining to employee health and safety including maintaining an up-to-date written CAL-OSHA Injury Illness Prevention Program (IIPP) - (pursuant to Title 8 CCR), on-site and readily available for review by all facility personnel and by the LEA staff and other regulatory personnel. The IIPP shall include a comprehensive training plan, availability of all necessary on-site work/ protection/ safety equipment, and adequate on-site first aid supplies. Whenever personnel are at the facility they shall have immediate radio and/or telephone access to a 911 emergency dispatcher.
15. The operator shall maintain an adequate vector monitoring/control program with updates as directed by the San Bernardino County Vector Control District (SBCVCD).
16. The operator shall comply with all Waste Discharge Requirements, Clean-Up & Abatement Orders, monitoring, remediation schedules and related requirements of the California Regional Water Quality Control Board, Santa Ana Region (CRWQCB/SAR). The operator shall provide in the operating record and to the LEA, a CRWQCB/SAR approved unsaturated zone monitoring program and approved statistical analysis groundwater samples (monitoring data). Degradation of waters connected to this site shall be promptly remediated in the manner specified by the CRWQCB/SAR.
17. The operator shall submit information to the LEA indicating compliance with all rules and Abatement Orders of the South Coast Air Quality Management District (SCAQMD) including: landfill gas (LFG) monitoring/ control (1150.1 compliance), fugitive dust (PM₁₀) control and SCAQMD equipment permits. The operator shall provide in the operating record and to the LEA all LFG monitoring data, any Abatement Order, and all collection system improvements. The operator shall take every reasonable precaution to control fugitive dust emissions including the use of water and dust palliatives. All required SCAQMD permits shall be obtained/ retained. The operator shall properly maintain all facility equipment and structures according to the manufacturer's specifications and good engineering/ maintenance practices.
18. The operator shall use all reasonable measures to avoid "taking" of threatened, endangered, rare, and/or sensitive species.
19. The operator shall maintain a high winds closure/reduced operations policy and the facility shall be operated in accordance with the policy. At all times, there shall be adequate portable litter-control fencing and litter picking personnel to preclude litter from blowing and accumulating off-site.
20. At all times the site perimeter shall be provided with adequate security gates and fencing in good repair (or with equivalent effective barriers).
21. A qualified geotechnical consultant shall prepare a stability analysis of the site, if a slope ratio steeper than three-to-one (3:1) will be utilized at any portion of the site. Any measures required in the geotechnical study to ensure that the landfill does not cause a threat to life or property, shall be implemented. The study shall include an engineering analysis that identifies construction requirements designed to withstand the maximum probable earthquake or maximum credible earthquake (pursuant to Title 23 CCR Chapter 15). The study shall be reviewed and approved by the LEA and the CIWMB prior to its implementation.
22. Waste and cover material shall be spread and compacted utilizing methods to maximize compaction and to decrease the attraction of animals, birds and vectors to the site. Personnel shall not secure the site at the end of the operating day until the operator's inspection confirms that at least six (6) inches of compacted cover has been deposited over all waste.
23. Alternatives to soil cover shall be reviewed and approved by the LEA prior to their implementation.
24. The operator/contractor shall take immediate and independent action to prevent and suppress fires on the project area. The facility shall be maintained with a clearance of flammable material for a minimum distance of one hundred fifty (150) feet from the periphery of any exposed flammable solid waste, or additional minimum flammable clearance provisions determined by the local fire protection agency (pursuant to PRC §4373).